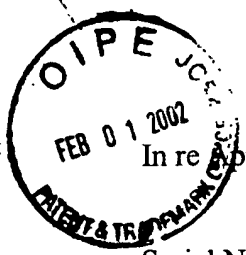


AT-11646



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Mahanthappa et al.

Serial No: 09/418,221

Filed: October 14, 1999

For: Neuroprotective Methods and
Reagents

Attorney Docket No. CIBT-P02-043

Art Unit: 1646

Examiner: M. Brannock

12/B
S.G.J
2/7/02
(NE)

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231 on the date indicated below:

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Karen DiRocco

Assistant Commissioner of Patents
Washington, D.C. 20231

SUPPLEMENTAL REPLY UNDER 37 CFR 1.116

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed August 14, 2001, in connection with the above application. Please enter the following amendments:

In the claims:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

Please cancel claims 2, 7-17, 24, 29, 30, and 32-37 without prejudice.

1. (Twice Amended) A method for limiting damage to neuronal cells by ischemic or hypoxic conditions, comprising administering to an individual a *hedgehog* polypeptide in an amounts effective for reducing cerebral infarct volume by at least 50% relative to the absence of administration of the *hedgehog* polypeptide.

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